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Proposed Maximum Residue Limit PMRL2017-26

Tolpyralate

(publié aussi en français)

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Under the authority of the *Pest Control Products Act*, Health Canada's Pest Management Regulatory Agency (PMRA) has received applications to register technical grade tolpyralate and the end-use product Tolpyralate 400SC Herbicide for use in Canada on field corn (including seed corn), sweet corn and popcorn.

The evaluation of these tolpyralate applications indicated that the end-use product has value, and the human health and environmental risks associated with their proposed uses are acceptable. Details regarding these applications can be found in Proposed Registration Decision PRD2017-13, *Tolpyralate*, posted to the Pesticides and Pest Management portion of the Canada.ca website on 15 September 2017.

Before registering a pesticide for food use in Canada, the PMRA must determine the quantity of residues that are likely to remain in or on the food when the pesticide is used according to label directions and that such residues will not be a concern to human health. This quantity is then legally specified as a maximum residue limit (MRL). An MRL applies to the identified raw agricultural food commodity as well as to any processed food product that contains it, except where separate MRLs are specified for the raw agricultural commodity and a processed product made from it.

Consultation on the proposed MRLs for tolpyralate is being conducted via PRD2017-13. Information regarding the proposed MRLs can be found in Sections 3.5.4 and 7.1. Supporting field trial residue data are provided in Appendix I, Table 7. The PMRA invites the public to submit written comments on the proposed MRLs for tolpyralate in accordance with the guidance found in PRD2017-13.

To comply with Canada's international trade obligations, consultation on the proposed MRLs are also being conducted internationally by notifying the World Trade Organization, as coordinated by Canada's Notification Authority and Enquiry Point.

The proposed MRLs for tolpyralate are as follows.

Table 1 Proposed Maximum Residue Limits for Tolpyralate

Common Name	Residue Definition	MRL (ppm)[1]	Food Commodity
Tolpyralate	1-[[1-ethyl-4-[3-(2-methoxyethoxy)-2-methyl-4-(methylsulfonyl)benzoyl]-1*H*-pyrazol-5-yl]oxy]ethyl methyl carbonate including the metabolite methanone, (1-ethyl-5-hydroxy-1*H*-pyrazol-4-yl)[3-(2-methoxyethoxy)-2-methyl-4-(methylsulfonyl)phenyl]-	0.02	Eggs; fat, meat and meat byproducts of cattle, goat, hog, horse, poultry and sheep; milk
	1-[[1-ethyl-4-[3-(2-methoxyethoxy)-2-methyl-4-(methylsulfonyl)benzoyl]-1*H*-pyrazol-5-yl]oxy]ethyl methyl carbonate	0.01	Field corn, popcorn grain, sweet corn kernels plus cob with husks removed

[1] ppm = parts per million

MRLs established in Canada may be found using the Maximum Residue Limit Database on the Maximum Residue Limits for Pesticides webpage. The database allows users to search for established MRLs, regulated under the *Pest Control Products Act*, both for pesticides or for food commodities.

International Situation and Trade Implications

Tolpyralate is a new active ingredient that is concurrently being registered in Canada and the United States. The MRLs proposed for tolpyralate in Canada are the same as corresponding tolerances to be promulgated in the United States, except for livestock commodities, in accordance with Table 2, for which differences in MRLs/tolerances may be due to different livestock feed items and practices.

Once established, the American tolerances for tolpyralate will be listed in the Electronic Code of Federal Regulations, 40 CFR Part 180, by pesticide.

Currently, there are no Codex MRLs[1] listed for tolpyralate in or on any commodity on the Codex Alimentarius Pesticide Residues in Food and Feed website.

Table 2 Comparison of Canadian MRLs, American Tolerances and Codex MRLs (where different)

Food Commodity	Canadian MRL (ppm)	American Tolerance (ppm)	Codex MRL (ppm)
Eggs; fat, meat and meat byproducts of cattle, goat, hog, horse, poultry and sheep; milk	0.02	Not established	Not Established
Field corn; popcorn grain; sweet corn ears plus cobs with husks removed	0.01	0.01	Not Established

Next Steps

The PMRA invites the public to submit written comments on the proposed MRLs for tolpyralate up to 75 days from the date of publication of this document. Please forward your comments to Publications (see the contact information on the cover page of this document). The PMRA will

[1] The Codex Alimentarius Commission is an international organization under the auspices of the United Nations that develops international food standards, including MRLs.

consider all comments received before making a final decision on the proposed MRLs. Comments received will be addressed in a separate document linked to this PMRL. The established MRLs will be legally in effect as of the date that they are entered into the Maximum Residue Limit Database.